

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2107 Mossdale Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.33	10/05/2016 10/05/2016	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD2107_01_s_2013_5				
Comment Code					
Inspector Comment					
The LMA has flood fight training and an emergency response plan.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD2107_01_s_2013_7				
Comment Code					
Inspector Comment					
Flood fighting supplies are available on-site.					

Photo 1 of 1 : FA_2016_RD2107_329_7_20160914_00003.jpg



View of the flood fight emergency supplies.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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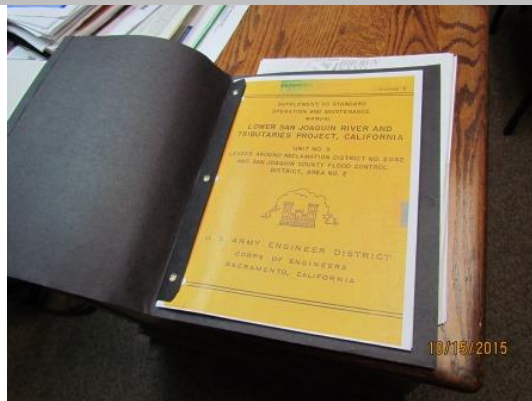
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Unit No. 01 San Joaquin River	Left	2.33	10/05/2016 10/05/2016	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	8	
LM End		Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Operations & Maintenance Manuals				°	
					°	
DWR ID	DWR_RD2107_01_s_2013_8					
Comment Code						
Inspector Comment						
The O&M Manual is available at the LMA's office.						

Photo 1 of 1 : FA_2016_RD2107_329_8_20160914_00004.jpg



View of the O&M Manual.

LM Start	0.03	Rating **	N	Issue No.	1
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.786993 °	37.786993 °
				-121.308694 °	-121.308694 °
DWR ID	DWR_RD2107_01_s_2012_1				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2016_RD2107_329_1_20160914_00001.jpg



Photo of waterside slope. Stumps present from prior tree removal for access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Left	2.33	10/05/2016 10/05/2016	Maksim Khashchuk

LM Start	0.29	Rating **	C	Issue No.	22
LM End	0.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.783998 °	37.783998 °
				-121.306134 °	-121.306134 °
DWR ID	DWR_RD2107_01_s _ 2016_22				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
LMA removed stumps.					

No Photos

LM Start	0.36	Rating **	C	Issue No.	23
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.783222°	37.783222°
				-121.305125°	-121.305125°
DWR ID	DWR_RD2107_01_s _ 2016_23				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
LMA removed stumps.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.33	10/05/2016 10/05/2016	Maksim Khashchuk

LM Start	0.41	Rating **	A/W	Issue No.	54
LM End	0.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.782737°	37.782737°
				-121.304426°	-121.304426°
DWR ID	DWR_RD2107_01_s_2012_54				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Large elderberry on water side slope. Plant is more than 20ft down the slope.					

No Photos

LM Start	0.75	Rating **	A/W	Issue No.	24
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.778824°	37.778824°
				-121.302813°	-121.302813°
DWR ID	DWR_RD2107_01_s_2016_24				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
LMA repaired erosion site.					

No Photos

LM Start	1.57	Rating **	C	Issue No.	21
LM End	1.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.770316 °	37.768295 °
				-121.304816 °	-121.306454 °
DWR ID	DWR_RD2107_01_f_2016_21				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
LMA repaired levee toe cut by disking activity.					

No Photos

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WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2107 Mossdale Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.82	10/05/2016 10/05/2016	Maksim Khashchuk

LM Start	0.21	Rating **	M	Issue No.	8
LM End	0.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.761881°	37.761881°
				-121.312850°	-121.312850°
DWR ID	DWR_RD2107_02_f_2016_8				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA_2016_RD2107_330_8_20161006_00012.jpg



View of the prunings of the waterside levee slope.

LM Start	0.51	Rating **	A/W	Issue No.	4
LM End	0.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.764780 °	37.764780 °
				-121.316717 °	-121.316717 °
DWR ID	DWR_RD2107_02_s_2012_4				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush on waterside. Shrub is more than 20ft down the slope.					

Photo 1 of 1 : FA_2016_RD2107_330_4_20160914_00001.jpg



Elderberry located on waterside slope.

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Unit No. 02 Paradise Cut	Right	1.82	10/05/2016 10/05/2016	Maksim Khashchuk

LM Start	0.54	Rating **	M	Issue No.	9
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.764838 °	37.764838 °
				-121.317318 °	-121.317318 °
DWR ID	DWR_RD2107_02_f_2015_9				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Add appropriate fill and compact the slope.					

Photo 1 of 1 : FA_2016_RD2107_330_9_20160914_00002.jpg



View of the vertical cut on the landside levee slope.

LM Start	1.32	Rating **	C	Issue No.	10
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.772432 °	37.772432 °
				-121.327275 °	-121.327275 °
DWR ID	DWR_RD2107_02_s_2016_10				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

No Photos

* Location
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WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
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+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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